

REVISED
APPLICATION

12-29-16

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DEC 29 2015

Maine Department of
Marine Resources

C: APPLICATION COVER SHEET FOR SUSPENDED CULTURE

Name: Basket Island Oyster Company, LLC

Address: PO Box 94

City: Peaks Island

County: Cumberland

State, zip: ME, 04108

Telephone: business _____ home _____ cell 712-3681

Email address: mark@basketislandoysters.com

Date of Pre-application meeting: July 9, 2015

Date of Scoping Session: October 14, 2015

	<u>town</u>	<u>county</u>	<u>waterbody</u>
Location of lease site:	<u>Yarmouth</u>	<u>Cumberland</u>	<u>Casco Bay</u>

Additional description (e.g. south of B Island) Broad Cove

Total acreage requested: 4 (1 acre suspended culture, 3 acre bottom culture)
(100-acre maximum)

Lease Term requested: 10 years
(10-year maximum)

Name of species to be cultivated, common and scientific names:

Eastern Oyster, *Crassostrea virginica*

Name, address and phone number of the source of seed stock, juveniles, smolts, etc., to be cultivated:

Bill Mook, Mook Sea Farms, 321 ME-129, Walpole, ME 04571 (207) 563-1456

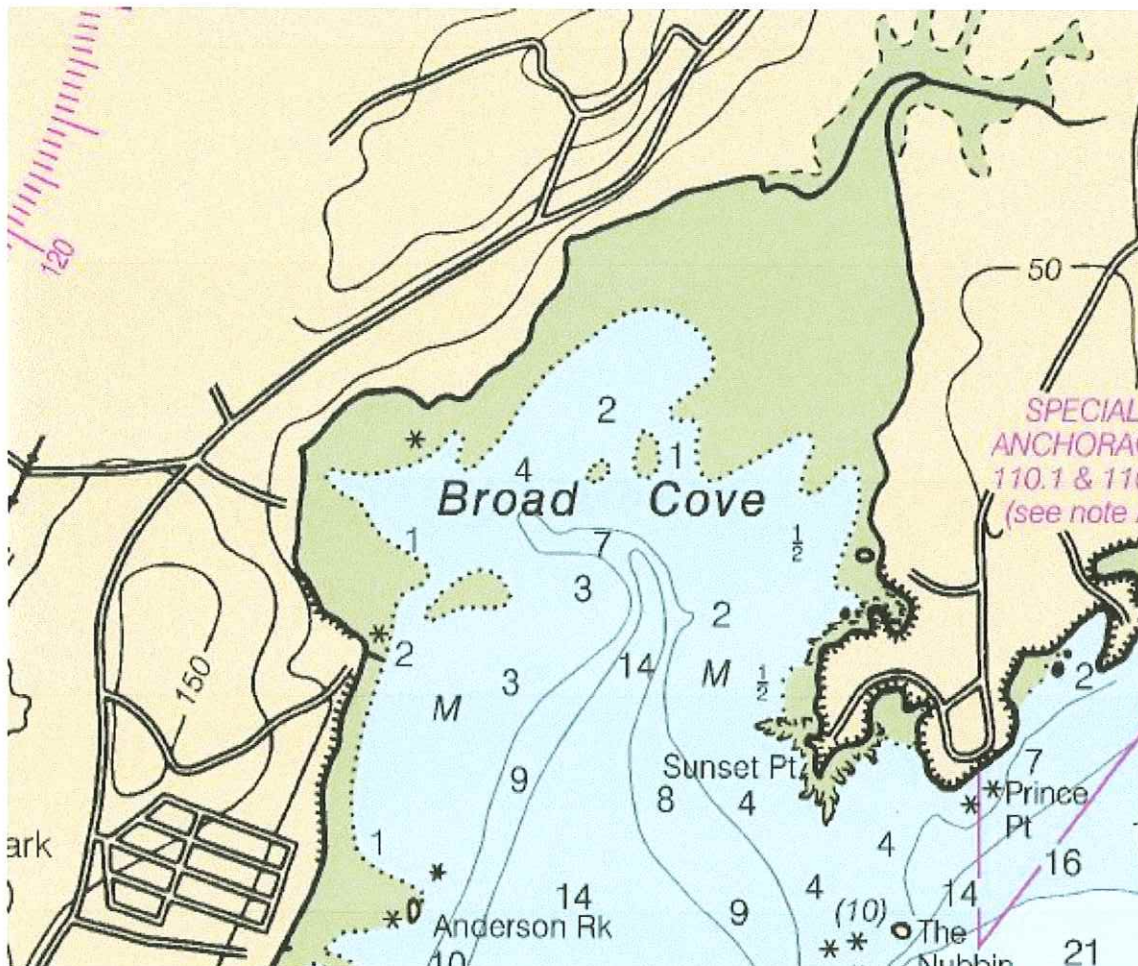
\$1,500 application fee enclosed: X

I hereby state that the information included in this application is true and correct and that I have read and understand the requirements of the Department's rules governing aquaculture.

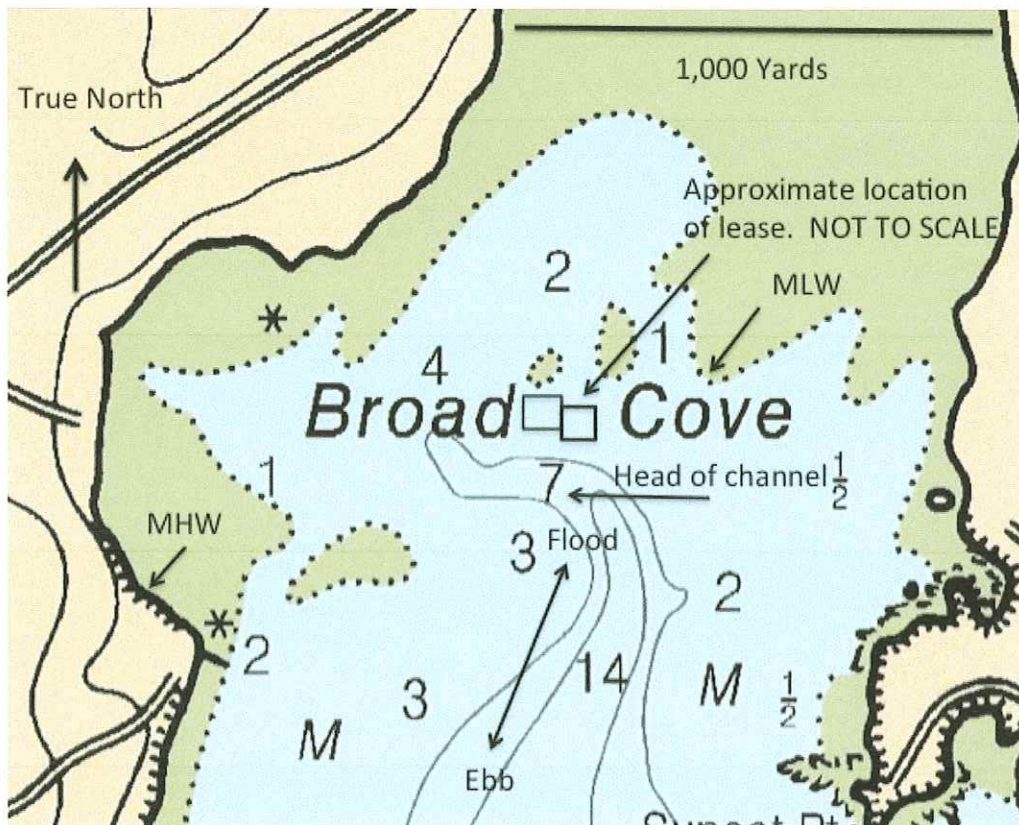
Signature:  Date: 4/15/16

1. SITE LOCATION

a. **Vicinity Map:** copied from NOAA Chart #13290

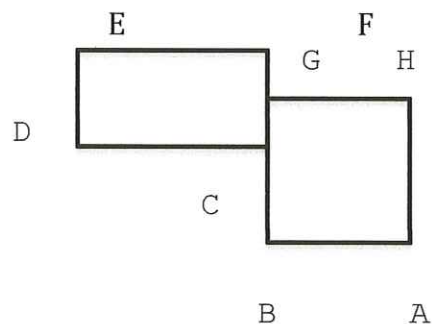


b. Plan View: copied from NOAA Chart #13290 and Google Earth image

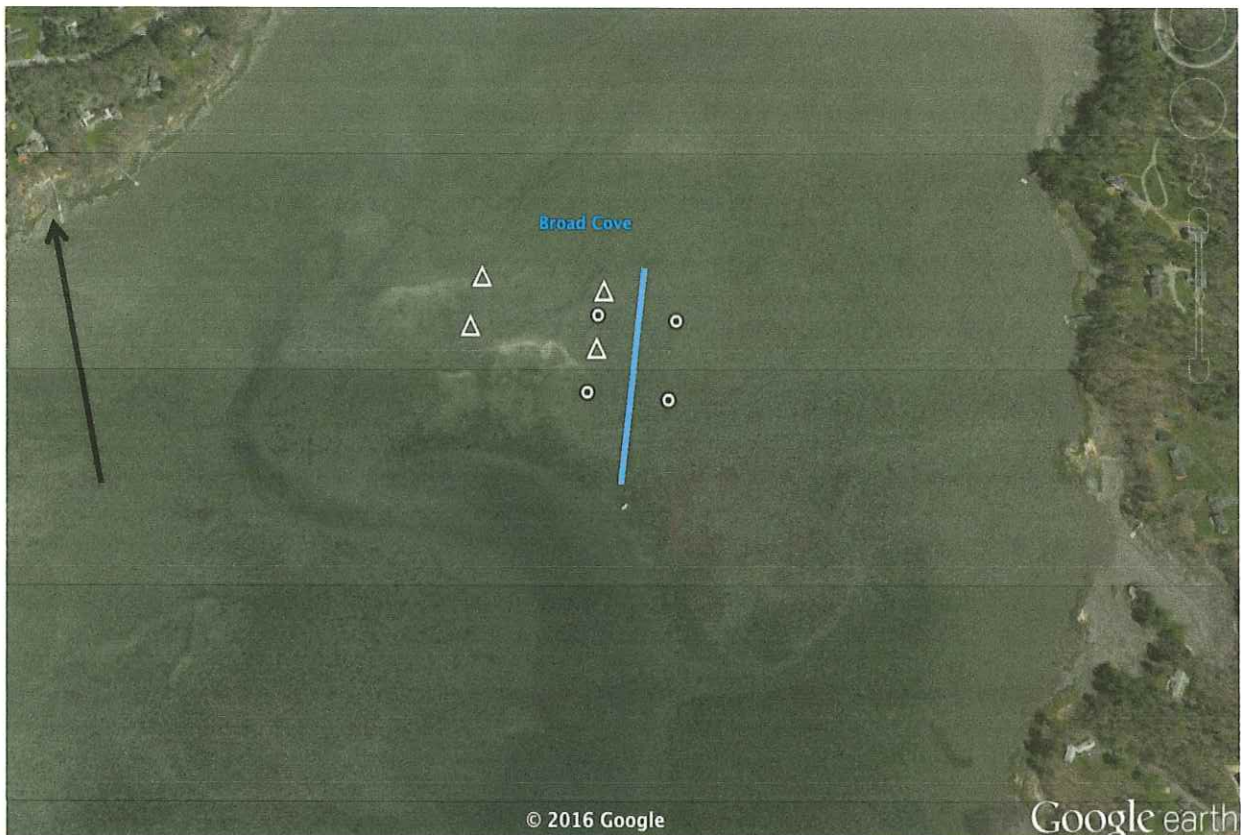


Lease coordinates taken using Google Earth and confirmed using a Garmin Handheld GPS on site. Each coordinate point corresponds to the relative location of corners on the figure below and the corners on the Google Earth image attached and are as follows:

A	43° 46' 04.56" / 070° 10' 57.24"	B	43° 46' 05.10" / 070° 11' 01.02"
C	43° 46' 06.53" / 070° 11' 00.39"	D	43° 46' 07.76" / 070° 11' 06.37"
E	43° 46' 09.44" / 070° 11' 05.63"	F	43° 46' 08.48" / 070° 10' 59.75"
G	43° 46' 07.68" / 070° 11' 00.12"	H	43° 46' 07.20" / 070° 10' 56.40"



c. **Aerial View:** Taken from Google Earth

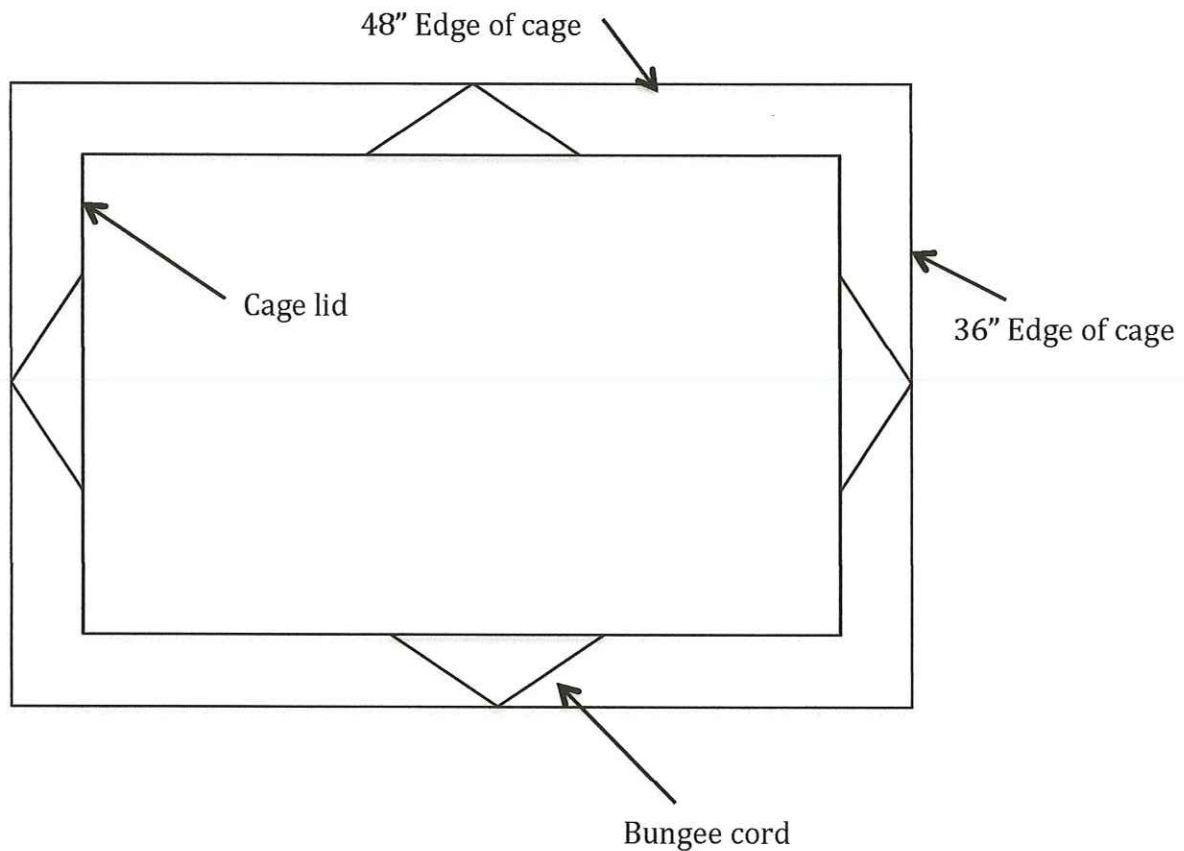


The circles represent the current boundaries of the experimental lease. The dimensions are a square measuring 290' x 290' (equivalent to ~1.9 acres). The triangles show the additional area requested in this lease application. These dimensions represent a rectangle and measure 450' x 200', or approximately 2.1 acres. The total area requested for this lease is 4 acres. The line shows the approximate location where cages will continue to be used. Cages will be deployed only to the right of the line (to the east) and will exist on approximately 1 acre of lease site. The maximum number of cages ever to be used is 240. However, we imagine that there will seldom be more than 100 cages on the lease at any one time. The remaining 3 acres will be dedicated to bottom culture (oysters grown directly on the sea floor). The arrow shows true north.

2. SITE DEVELOPMENT

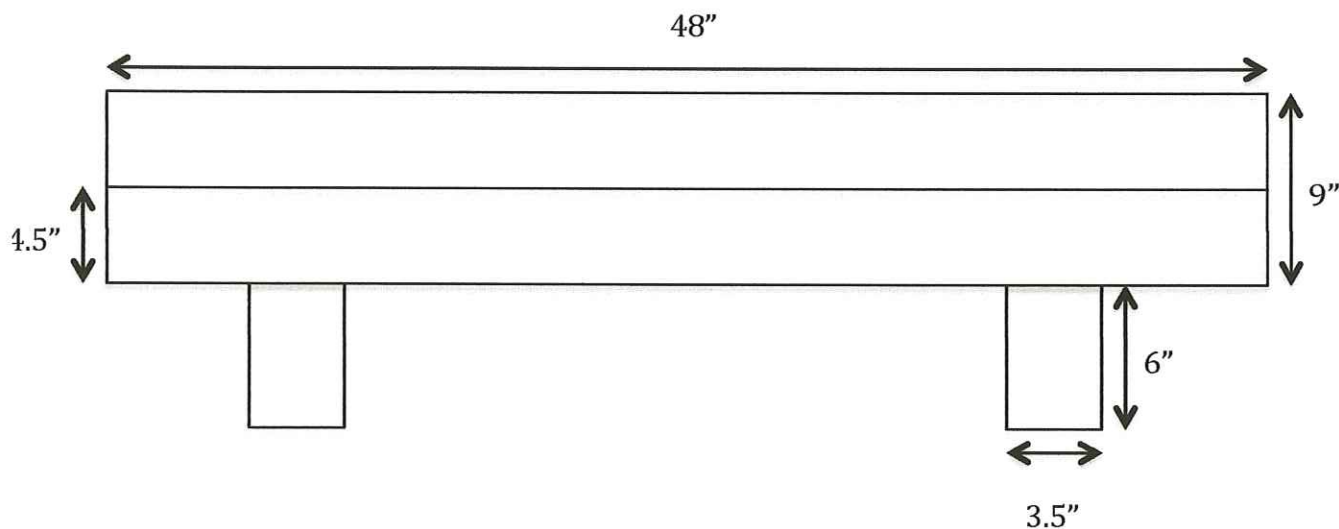
a. Single Structure Schematic-Top View:

Cages will be used during summer on the eastern most acre of the lease site. Cages are 48" X 36" and are composed of $\frac{3}{4}$ " wire mesh. There is a wire mesh lid on top that lifts off and is held in place with bungee cord and clips.



b. Single Structure Schematic-Cross Section:

Cages are 48" wide along the longest axis and 9" deep. Each cage consists of top and bottom trays that are each 4.5" in depth (9" total). The two trays sit on top of each other. The bottoms of the cages are held 6" off the seafloor by two wire mesh legs.



c. Maximum Structure and Mooring System Schematic – Top View

Cages will be deployed in straight lines running generally north-to-south on approximately one-quarter of the lease area (1 acre). The lease site is ~4 acres and cages, when deployed, will sit only on the eastern most acre (see Google Earth image attached). Cages will be attached to a series of 280 foot 'long-lines' (3/8" sink rope), with each line strung between two 4' helix anchors. Helix anchors will be spaced at ~17' intervals along both the north and south axis of the eastern most acre. Cages will be attached to each long line by a 10' 'tether line' (3/8" sink rope). A maximum of 30 cages will be on each long line. We will have 8 long lines strung between helix anchors for a total maximum number of cages on the lease of ~240 cages. However, we believe that we will seldom have anywhere near that amount of cages at any one time. When working on cages on the lease, we will pull the long line off the seafloor (it will be marked with a small 8" toggle buoy) and attach it to cleats on the side of the boat. The boat can then be pulled, by hand, down the long line, pulling each cage up by the tether line as we come to it. When done, the cages will then be placed back down on the seafloor and the tether line reattached to the long line. When work is finished on the line, it is dropped back to the bottom. This is the same general configuration of, and deployment method for, long lines and cages currently used on the lease. However, in this new standard lease, cages will only be deployed on the eastern most acre of the lease.

For a detailed top-view illustration of the plan, please see attached.

d. Maximum Structure and Mooring System Schematic – Side View

For a detailed side-view illustration of the plan, please see attached.

e. On-Site Support Structures

1. There are no on-site support structures to be deployed.
2. There will be no storage or use of oil, gasoline or other hazardous material on this facility.
3. There will be no sanitary facility on site.

f. Mooring System Adequacy

Long lines will be attached to the bottom of the lease at each end using 4' helix anchors screwed into the mud. Each helix anchor has a 1,500-pound breakout force (Hamilton Marine Webpage). Almost always there will be no force on either anchor, because they are just being used to attach the long line to either end of the lease so as to tie cage tether lines off for easy cage retrieval. The cages sitting on the seafloor will exert no force on the helix anchors. We will pull boats along the long lines during calm days as well. This exerts little force on the anchors themselves. During windy days, we do not attach boats to the long lines.

g. Equipment Layout

Cages will be deployed in straight lines running north-to-south on approximately one-quarter of the lease area (1 acre). The water depth in this location is sufficiently deep so that cages will remain below the surface of the water and not visible during MLW.

h. Gear Color

Cages are composed of black or green rubber coated wire mesh. Most of the lease will be used for bottom seeding, meaning that there will be no gear in the water.

i. Marking

The lease site will be marked with a floating device, such as a buoy, which displays the lease identifier assigned by the Department and the words "SEA FARM" in letters of at least 2 inches in height in colors contrasting to the background of the device. The marked floating devices shall be displayed at each corner of the lease area that is occupied or at the outermost corners. These lease markers are currently deployed on the lease site.

3. OPERATIONS

a. Production Activities

1. Basket Island Oyster Company has grown oysters for several years in Broad Cove in Casco Bay in the location of the proposed lease. We have learned the methods of growing oysters in cages through trial and error and we have developed a method to grow a delicious and highly marketable oyster. In addition, we have learned that oysters grow especially well in Broad Cove while just sitting on the sea floor, outside of any cage. As such, we will grow oysters both on the seafloor (on approximately 3 acres of bottom) and in cages sitting on the seafloor (~1 acre of bottom) within this lease.

While in cages, we will grow oysters using the same methods as those currently used in Broad Cove. Oysters will be grown in 48" x 36" x 9" cages on ~1 acre of seafloor that represents the eastern most acre of the lease (See Google Image). Cages will be deployed on long lines along the north-south axis of the lease site. Each cage will be attached to the long line by a 10-foot tether line. Figures showing the approximate orientation of gear in the lease site and sketches of gear appear earlier in the application. Oysters are filter feeders and therefore are not fed by us. When tending to our oysters growing in cages, we will be pulling ourselves along the long line and hauling up individual oyster cages as we come to them. This is similar to the method currently used on the farm. Work on cages will generally be from either a 24' Carolina Skiff or a 34' pontoon work barge, both currently used on the lease. We will be working on the lease, in general, 3-5 days/week for 2-3 weeks followed by an equivalent period where we will not be working daily (we will almost never work on weekends, unless weather dictates that we have to get out on a Saturday or Sunday to get something taken care of). Work will usually occur between the hours of 8am until 4pm. Work involved in cages will include hauling up cages of oysters, tumbling, sorting, and putting cages back down. We will occasionally power wash cages, although this generally happens on land and not at the lease site. Ideally, we will be harvesting once or twice/week as part of our daily schedule.

As described, this will not be any different from our current day-to-day operations, with the exception that fewer cages will be used in the future than was earlier estimated in our experimental lease application (and we will be doing most of the power washing not on the lease site but back on land). Market size oysters will be sorted, bagged and tagged.

Sea stars are the principle predator and do get into cages on occasion. We will remove sea stars as we come to them. Sea stars will also be picked off the farm in the acreage dedicated to bottom seeding (no gear) during 'drainer' tides.

For the 3 acres that will be dedicated to bottom grow out, we will be seeding the bottom with medium sized oysters (grown initially in bottom cages in the eastern most acre of the lease). Seeding of the lease will happen each fall and/or spring, using seed purchased from Mook Sea Farm earlier in the spring, at a stocking density of approximately 15 oysters ft². For the portion of the lease not reserved for cages (approximately 3 acres), we hope to alternate seeding to 1.5 acres parcels every other year. Our plan is to then harvest on alternate years between each of the 1.5-acre parcels. Harvesting will be done by handpicking whenever possible. This is the easy and ideal harvesting method during the

bigger spring tides that occur each month. At times we will also use a small oyster rakes or a small oyster dredge when tides don't permit hand harvesting.

2. We will grow the Eastern/American oyster, *Crassostera virginica*. Starting summer 2017 our goal is to produce ~3,000 oysters/week using oysters already on the lease site. Within 2 years we hope to be able to grow approximately 600,000 market size oysters annually. Our maximum cage stocking density will be 240 cages. These cages will be responsible for growing out seed prior to spreading on the seafloor. Seed will be purchased from Mook Sea Farms, 321 State Route 129, Walpole, ME 04573, 207-563-1456.

3. Cages for oyster grow-out have been, and will continue to be, purchased from Ketcham Traps located at 111 Myrtle St, New Bedford, MA 02740. Phone: (508) 997-4787. We use these cages currently in Broad Cove, have for several years now, and they have worked very well. Many oyster growers up and down the east coast use Ketcham. The company is well known for their high quality oyster cages and service.

4. In addition to the owner, Mark Green, Basket Island Oyster Company will employ at least 1 full time employee, 1 half time employee, and 2-3 High School and/or College students every summer.

b. Noise and Light

1. We will use several pieces of powered equipment on the farm. We currently use the same equipment, although it will be used far less frequently in the future as we move more and more of our product out of cages and onto the sea floor. We will use a small Honda gasoline powered generator to generate electricity when necessary. The generator uses four-stroke technology and is quiet. This generator provides electric power to the tumbler. In addition, we will use a gasoline powered power washer on occasion in order to clean biofouling however, this will mostly be done at our dock in Portland. Oyster cages are hauled out of the water using an electric Thern hoist drawing DC current from the boat batteries.

2. Tumbler = used weekly.
Generator = used weekly
Hoist = used daily
Power washer = used only seldom during summer. Almost all power washing will occur on land, miles from the lease site.

3. The power washer will be placed in a large wooden box during use.
This serves to both cut down on noise levels and to help keep the machine clean.

4. There will be no lights used on the lease area.

5. We will generally never work after daylight hours. In the 3.5 years that the lease in Broad Cove has been in operation we have never once worked past sunset. The only conceivable reason we would ever work past daylight would be in the event of a large storm heading towards Maine and if some level of emergency preparation of the lease was

deemed necessary. Even if this scenario came to pass, it is still highly unlikely that work after daylight would be required.

c. Upland Facilities or Holdings

Basket Island Oyster Company currently rents a small facility on Commercial Street in Portland, Maine. Located on Deake's Wharf, this facility is HAACP certified and allows Basket Island Oyster Company to sell our oysters directly to restaurants, if we choose. Although currently underutilized, we anticipate this space to be of greater and greater importance as oyster production at the proposed lease site increases.

d. Current Operations

Basket Island Oyster Company has been operating for approximately 3.5 years in Broad Cove. The long line system described earlier is already in place and has been successfully used to deploy and retrieve oyster cages during this period. The operations described in this lease proposal represent operations that are already in use and will not change from the current methods in the future. Oysters that are 'bottom grown' represent a change in current growing methodology. Over the last several years we have dropped many oysters in the water. During fall 2015 and spring 2016 we have noticed these oysters are superior in many ways to those oysters grown solely in cages. Growth out of cages seems comparable and, in many instances faster, than those grown in cages. The losses of oysters grown on the seafloor appear no greater than those suffered in cages.

4. ENVIRONMENTAL CHARACTERIZATION

a. Environmental Characterization

Broad Cove is a large, flat inter-tidal embayment dominated by fine-grain, muddy sediments. The mud is the dominant feature of Broad Cove. Walking out to the proposed site is difficult with boots generally penetrating approximately 1 foot into the mud. As the lease site is approached, the sediment is mixed with remains of soft- and hard-shell clam shells and tends to harden, making walking around the lease possible. This will allow us to hand harvest oysters during periods of low tide. Mud in this area also easily supports our bottom cages. The location of our lease site ranges from 1-3 feet at MLW. There is a roughly 8 foot tide inside Broad Cove. The shoreline is typical of mud flats with marsh grass, *Spartina alterniflora/patens*, extending out several meters. Current flows north and south during the flood and ebb tides, respectively. There is no eelgrass on the proposed site. There are no plants on the mud flats in our proposed location. The mud contains remains of *Mya arenaria*, *Mytilus edulis*, and *Mercenaria mercenaria* clam shells.

5. AREA RESOURCES

a. Shellfish Beds, Fish Migration Routes and Submerged Vegetation Beds

Apparently, there is some limited soft shell clam digging along the shores of Broad Cove. The nearest area for digging appears to be at least 3,000 feet from the proposed lease. During my 3.5 years in Broad Cove, however, I have not yet seen a single person

digging clams. There is no clam digging anywhere near the lease. There is a wild population of European Oysters in Broad Cove. They appear to be concentrated by the end of Town Landing Road on the Cumberland side of the cove, several thousand feet from the lease. Presumably, any fish movement would be in the north-south direction, along the tidal axis of the cove. There is no freshwater input at the head of the cove, so no salt/fresh water migratory fish populations should exist. There is eelgrass located south of the lease. We have not noted any eelgrass beds within the lease.

Shellfish Growing Area: WI

Water Quality Classification: Conditionally Approved.

b. Essential Habitats/Endangered Species

The lease sits at least 1,500 feet from the shoreline and is not within Essential Habitat as defined by Maine Inland Fisheries and Wildlife. Please see the attached letter from IFW confirming this.

6. SURROUNDING AREA USE

a. Riparian Property

1. Included please find a tax map showing the location of the lease tract, the waters, shore lands and general vicinity of the lease tract. Property lines are clearly marked. The entire lease boundary is marked on the map. Distances from the lease boundaries to land on both the Cumberland and Yarmouth sides of Broad Cove are shown and are accurate. They were measured using Google Earth from the coordinates of the lease to land.

2. The Maine Department of Marine Resources requires that this application:

"List the names and addresses of every riparian owner of land within 1000 feet of the lease tract(s) and the location of their property marked as shown on the map".

In Broad Cove, riparian landowners vary in terms of proximity to the proposed lease site with the nearest land ~1,400 feet away to the east (Yarmouth) and ~1,300 feet away to the northwest (Cumberland) (see attached figures). Although land is over 1000 feet from the proposed lease, some riparian owners property might extend, at low tide, to within the 1,000 foot limit and we have included a list of riparian owners surrounding the cove and which are in the vicinity of the lease site. In addition, Basket Island Oyster Company is happy to speak with any and all landowners surrounding Broad Cove to discuss our plans. We already have regular discussion with several riparian's. In our couple of years of operation we have spoken to many riparian owners over the course of our day-to-day operations, many of who are supportive of the operation.

Attached is the certified list of land owners surrounding Broad Cove on both the Yarmouth and Cumberland sides.

3. There is no riparian owner whose land to the low mark will actually be used to access the lease site or upon which the lease activities will take place.
4. Riparian owners will not use the lease site for purposes of access to riparian owned land.

b. Existing Uses

1. Broad Cove is large intertidal mud flat in Cumberland Maine. Because of its shallow nature there is no lobster fishing within the lease site in Broad Cove. The nearest commercial lobster gear is set generally during spring and fall approximately 300 feet from the south edge of the lease. There is also some recreational lobster fishing to the south, well outside the lease. There has been no conflict between lobster fishing in Broad Cove and the oyster growing operations. My understanding is that there are several clam diggers that work the nearshore mud. These clammer's harvest immediately at the edge of the marsh grass and are at least several thousand feet from the proposed location during the times when they harvest. Our lease will not impact these clammer's. There are several boat moorings that are approximately 2,000 feet to the south of our site in deeper water. There is some navigation during high tide in the cove. Several docks around the cove have boats tied up and there is some light boat traffic during summer. During periods of low tide there is no boat traffic because there is little to no water. During high tide, the limited boat traffic has over 1,000' on either side of the lease to navigate into and out of the cove. Boats can go through the lease at high tide and this does not interfere with operations. There are no navigational channels near the lease. There is some light recreational fishing that occurs in Broad Cove during summer/fall. It is difficult to walk out to the proposed lease during low tide because of deep mud. However, the area immediately around the lease and on the lease itself supports one's weight while walking). The shallow nature of Broad Cove, especially during low tides, prohibits its use for most activities.

2. With the exception of shellfish harvesting, we will not discourage any other uses from access to our lease site. We have not heard of any conflicts with our lease operations and any other person(s) using Broad Cove in the several years the oyster farm has been in operation.

3. There are no individuals who actively use the lease site in Broad Cove.

7. TECHNICAL CAPABILITY

The owner of Basket Island Oyster Company, Mark Green, holds a PhD in Oceanography (State University of New York at Stony Brook, 1996) and has an active career researching different small bivalve species. He has experimented growing mussels off hanging ropes and has been actively growing oysters for about 5 years, although it has been only the last 3.5 years that he has turned the oyster growing operation into a commercial venture.

8. FINANCIAL CAPABILITY

a. Financial Capability

Basket Island Oyster Company has the financial means to carry out the project as defined in this lease proposal. The farm has been in operation for several years and continues to be financially solvent. At the time of this application, we have in excess of 1.5 million oysters on the current lease site and will be selling approximately 300,000 oysters in 2017 and 500,000 oysters in 2018. In addition, Basket Island Oyster Company owns boats, over 200 cages, a tumbler, and all the additional equipment necessary to grow and harvest oysters.

 4/15/16

(Mark A. Green, Owner Basket Island Oyster Company)

b. Cost Estimates

Basket Island Oyster Company is proposing a change to the current farming operations on the site by largely becoming a bottom grow out operation. The costs associated with this method are significantly cheaper with regards to labor and number of cages required to grow adult sized oysters. Currently, our revenue stream and costs of operation are well defined based on the business model of cage grown oysters. Adding bottom growing oysters into the plan will increase cash flow as expenses are lowered.

 4/15/16

(Mark A. Green, Owner Basket Island Oyster Company)

c. Other Lease Interests and Multiple Ownership

1. None

d. Other Lease Interests and Multiple Ownership Continued

A. Corporate Applicants

1. Basket Island Oyster Company (formally named 'Made in Maine Mollusk's was incorporated August 3, 2004. However, little was done with the LLC until January 1, 2012 when its name was changed to Basket Island Oyster Company and we began growing oysters in Broad Cove. The Articles of Organization are attached.

2. Mark A. Green is the Manager of Basket Island Oyster Company. His address is 5 Willow Street, Peaks Island, ME 04018

3. None

4. No

5. Esteban McMahan, 109 Stoney Brook Road, Chapel Hill, NC 27516 (15% stockholder)

Carl L. Farrington, 1119 SW Myrtle Drive, Portland, OR 97201 (10% stockholder)

Neil J. D'Urso, 11 Larchwood Road, Larchmont, NY 10538 (15% stockholder)

Mark Green, 5 Willow Street, Peaks Island, ME 04108 (60% stockholder)

6. None

7. None

9. OTHER REQUIREMENTS

a. Performance Bond

I have read MDMR Aquaculture Regulations chapter 2.40 and that upon issuance of the lease by the MDMR I will either open an escrow account or obtain a performance bond in the amount of \$5,000.00



(Mark A. Green)



STATE OF MAINE
DEPARTMENT OF
INLAND FISHERIES & WILDLIFE
284 STATE STREET
41 STATE HOUSE STATION
AUGUSTA ME 04333-0041

CHANDLER E. WOODCOCK
COMMISSIONER

December 22, 2015

Mark Green

RE: Information Request - Broad Cove Oyster Lease, Cumberland

Dear Mark:

Per your request received December 02, 2015, we have reviewed current Maine Department of Inland Fisheries and Wildlife (MDIFW) information for known locations of Endangered, Threatened, and Special Concern species; designated Essential and Significant Wildlife Habitats; and fisheries habitat concerns within the vicinity of your *Broad Cove Oyster Lease Project* in Cumberland.

Our information indicates no locations of Endangered, Threatened, or Special Concern species within the project area. Additionally, our Department has not mapped any Essential Habitats or fisheries habitats under our management authority that would be directly affected by your project.

Significant Wildlife Habitat

The search area for your project intersects with a high value Tidal Waterfowl and Wading Bird Habitat (TWWH), a Significant Wildlife Habitat under Maine's Natural Resources Protection Act. TWWHs provide important feeding and/or breeding habitat for diverse waterfowl and wading bird species. Based on the location of your existing lease and the description of your project, as well as the daily activities associated with your project, we do not anticipate impacts to this resource.

This consultation review has been conducted specifically for known MDIFW jurisdictional features and should not be interpreted as a comprehensive review for the presence of other regulated features that may occur in this area. Prior to the start of any future site disturbance we recommend additional consultation with the municipality, and other state resource agencies including the Maine Natural Areas Program and Maine Department of Environmental Protection in order to avoid unintended protected resource disturbance.

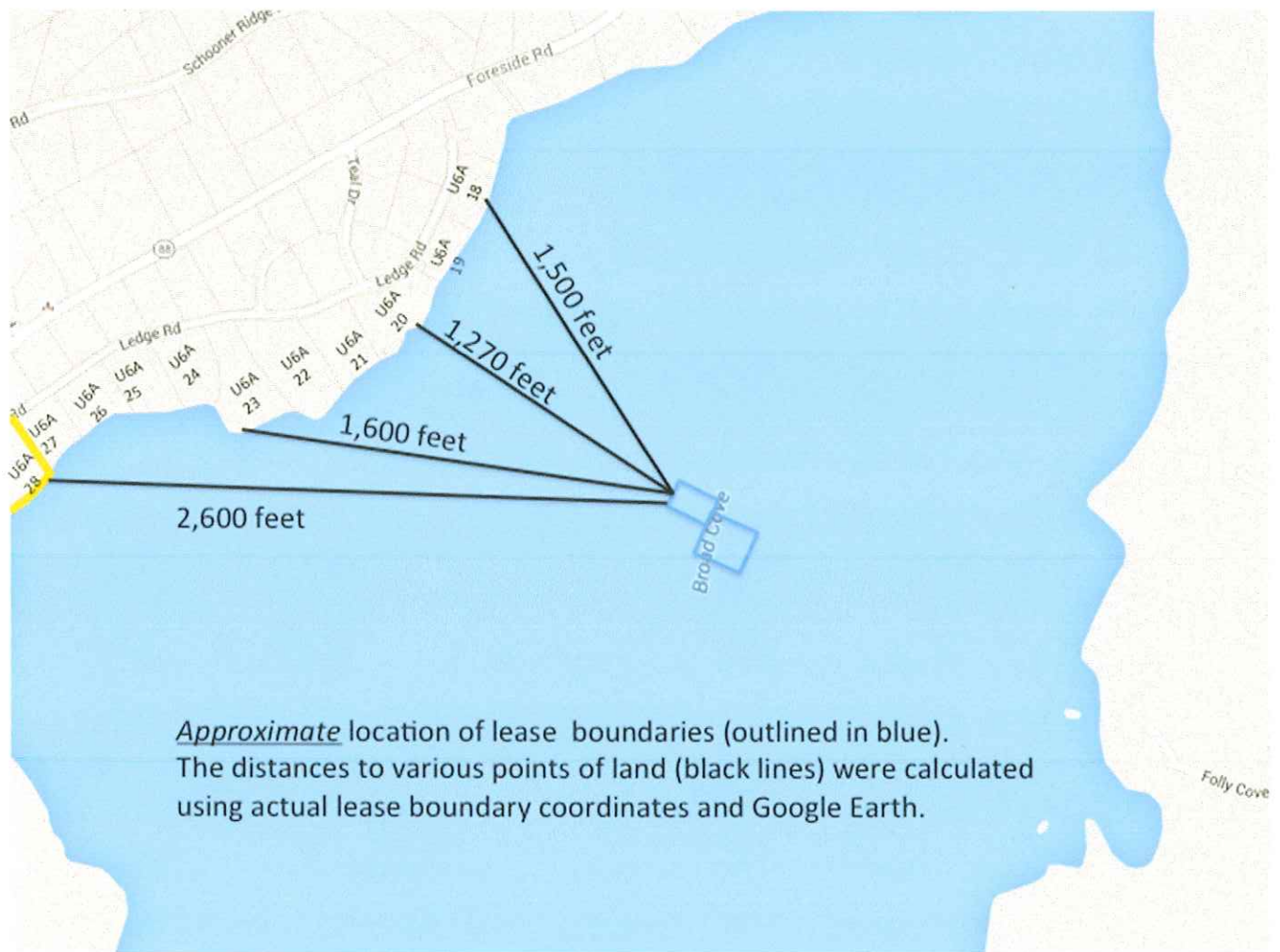
Please feel free to contact my office if you have any questions regarding this information, or if I can be of any further assistance.

Best regards,

John Perry
Environmental Review Coordinator

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Riparian Owners: Cumberland Maine



U6A-28; SEARWAY JANICE M., 3 LEDGE ROAD CUMB FORESIDE, ME 04110

U6A-27; STOLOSKI NORINNE C., 5 LEDGE ROAD CUMB FORESIDE, ME 04110

U6A-26; HAWKINS MARGARET Y - TRUSTEE, 4360 WILLOW HILLS LANE CINCINNATI, OH 45243

U6A-25; SCHOONER ROCKS ASSOCIATION, C/O LEE THIODEAU CUMBERLAND FSDE, ME 04110

U6A-24; HUBBELL WILLIAM B JR HUBBELL JEAN M., 11 LEDGE ROAD CUMBERLAND FSDE, ME 04110

U6A-23; THIBODEAU ELIZABETH H., 13 LEDGE ROAD CUMBERLAND FSDE, ME 04110

U6A-22; OESTREICHER CHARLES R - TRUSTEE MEREVE TRUST, C/O VERRILL & DANA LLP PORTLAND, ME 00

U6A-21; CHURCHILL CYNTHIA T., 17 LEDGE ROAD CUMB FORESIDE, ME 04110

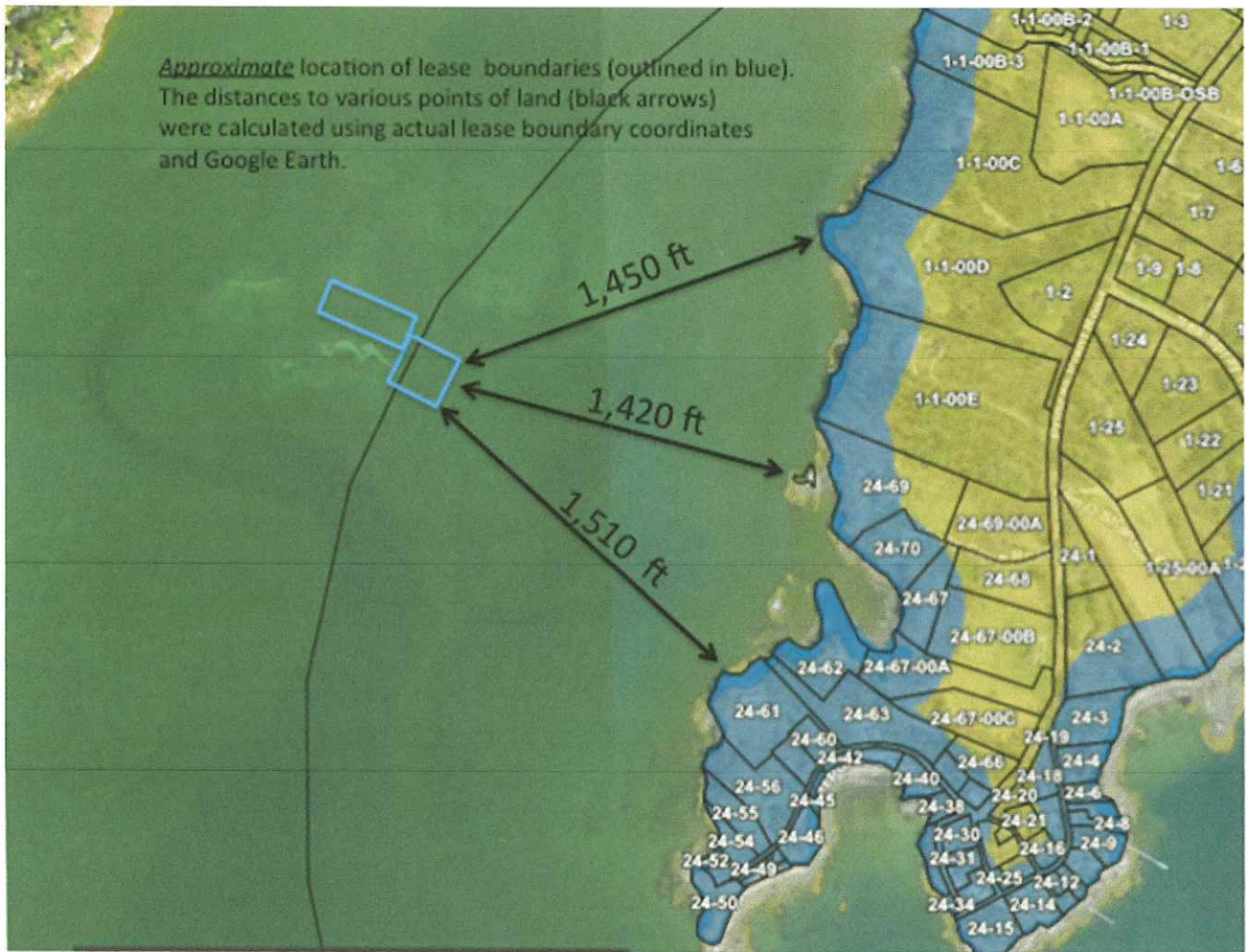
U6A-20; STEWART JANET J., 21 LEDGE ROAD CUMB FORESIDE, ME 04110

U6A-19; SCHOONER ROCKS ASSOCIATION. C/O LEE THIBODEAU CUMBERLAND FSDE, ME 04110

U6A-18; BOUCHARD PETER R., 25 LEDGE RD CUMBERLAND FSDE, ME 04110

I, Tamara P. O'Donnell, The Town Clerk of Cumberland, Maine certify that the list of riparian and tax maps presented are an accurate copy of this information as maintained by the municipality. 4/15/16 Tamara P. O'Donnell, Town Clerk

Riparian Owners, Yarmouth Maine



24-61; HORTON BARBARA W., 51 SUNSET POINT ROAD, YARMOUTH, ME 04096

24-62; CONNEEN MARY F - TRUSTEE, 797 PRINCES POINT ROAD, YARMOUTH, ME
04096

24-63; HARRIS AUSTIN F & SALLY E., 73 WEST ELM STREET, YARMOUTH, ME 04096

24-67; NELSON SUZANNE T., 46 FOLLY COVE ROAD, YARMOUTH, ME 04096

24-67-00A; NELSON SUZANNE T., 46 FOLLY COVE ROAD, YARMOUTH, ME 04096

24-70; THOMPSON NATHAN W., 45 FOLLY COVE ROAD, YARMOUTH, ME 04096

24-69; NELSON SUZANNE T., 46 FOLLY COVE ROAD, YARMOUTH, ME 04096

1-1-00E; HAMILTON-WALDRON STACIE E., 685 PRINCES POINT ROAD, YARMOUTH, ME
04096

1-1-00D; JOHNSON STEPHEN M & CYNTHIA R., 621 PRINCES POINT ROAD, YARMOUTH,
ME 04096

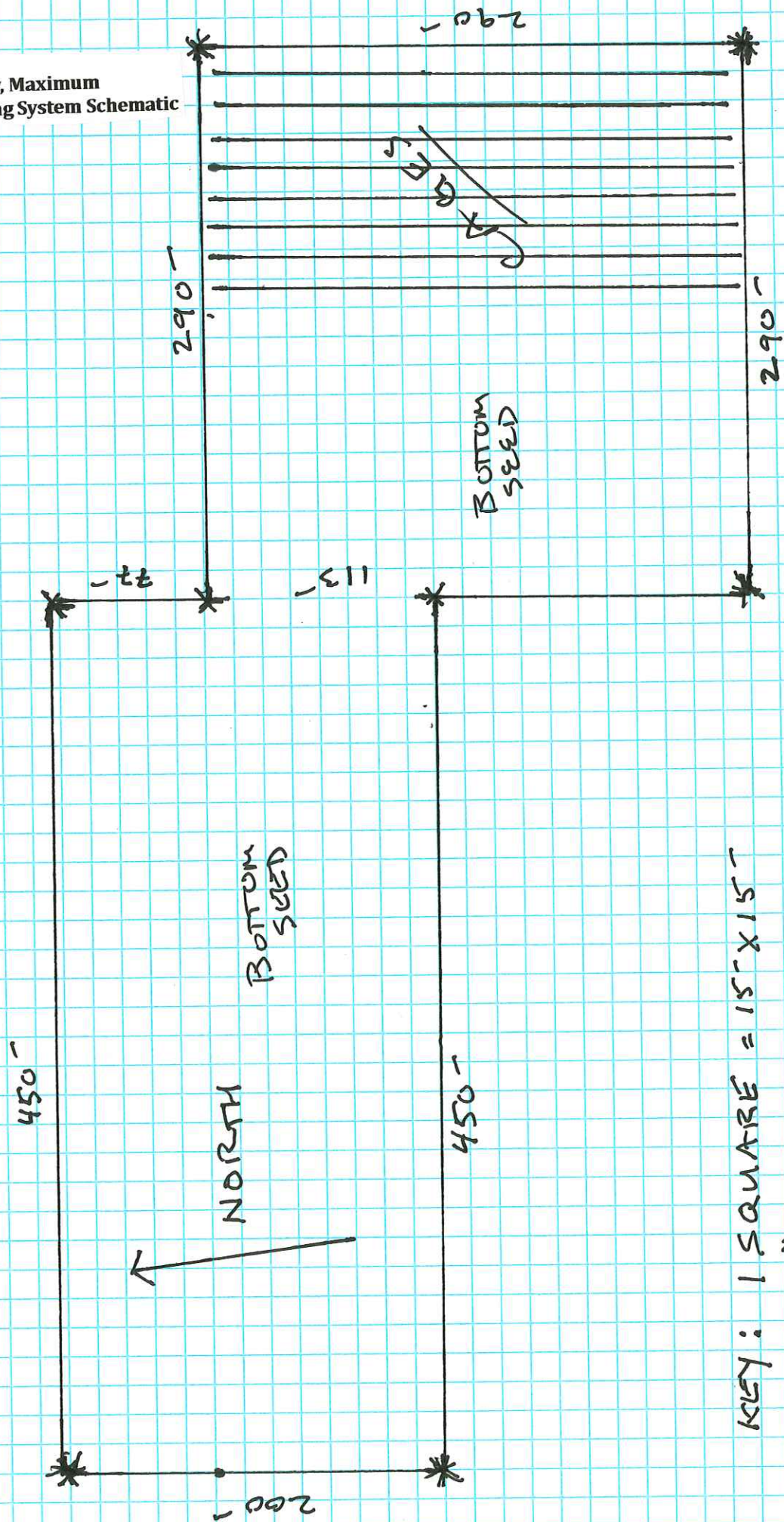
1 Jennifer S. Doten, the Town Clerk of Yarmouth, Maine
certify that the list of riparian owners and taxmaps
presented are an accurate copy of this information
as maintained by this municipality.

Jennifer D. Porter
4/15/16

TOP VIEW : SINGLE ACRE ON EAST SIDE USED FOR LONG LINES & CAGES. TOTAL OF 8 LONG LINES w/ MAX. OF 30 CAGES PER LINE. MAX. NUMBER OF CAGES DEPLOYED = 240

ENTIRE LEASE

Item 2 (c) Top View, Maximum Structure & Mooring System Schematic



KEY: 1 SQUARE = 15' X 15'

* "SEA FARM" = BUOYS

||| 280' LONG LINES (8X)

TOP VIEW: SHOWING 290' X 290' AREA OF LEASE w/ 280' LONG LINES (8X), SPACED w/ 7' APART, EACH w/ A MAX. OF 30 (4'x3') CAGES ATTACHED TO LONG LINES w/ 15' TETHER LINE

Item 2 (c) Detail of gear, Maximum Structure & Mooring System Schematic

EAST →

* WITHIN EACH BOX YOU COULD FIT OVER 4 CAGES

(Cage = 12 ft^2 ; BOX = $\approx 53 \text{ ft}^2$)

* LONG LINE = 280', STAKED END TO END 30 CAGES = 120' IN LENGTH. SO, THERE IS ~~OVER~~ $\approx 160'$ OF EXTRA LONG LINE PER LINE TO DISTRIBUTE CAGES w/ LEASE

EACH CAGE = $3 \times 4 = 12 \text{ ft}^2$

KEY: EACH SQUARE IS $7.25' \approx \approx 53 \text{ ft}^2$

■ = 4' HELIX SCREWED ALL THE WAY PNO MUD.

— = CAGES w/ TETHER ROPE

290'

SCALE: 1 BOX = 3'

MHW = NOT TO SCALE

MHW = 10'

SIDE VIEW

MLW 3'
(MLW TO SCALE w/ BOTTOM + CAGES)

MLW 3'

200' LONG

4'-X3'-CAGE

4'-X3'-CAGE

10'-RAMP

TRUCK ATTACHES
TO LONG LINE

4" HELIX SECURING
EACH END OF 200'
LONG LINE

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Item 2 (d) Side View, Maximum
Structure & Mooring System Schematic

MAX. OF 30
CAGES PER
LONG LINE

**DOMESTIC
LIMITED LIABILITY COMPANY
STATE OF MAINE
ARTICLES OF ORGANIZATION OF
LIMITED LIABILITY COMPANY**

(Mark box only if applicable)

- ☐ This is a professional limited liability company** formed pursuant to 13 MRSA Chapter 22-A to provide the following professional services:

(type of professional services)

Filing Fee \$125.00

File No. 20050331DC Pages 2
Fee Paid \$ 175
DCN 2042241700003 LTLC
FILED
08/04/2004


Deputy Secretary of State

A True Copy When Attested By Signature

Deputy Secretary of State

Pursuant to 31 MRSA §622, the undersigned executes and delivers the following Articles of Organization of Limited Liability Company:

FIRST: The name of the limited liability company is

Made-in-Maine Molluscs LLC

(The name must contain one of the following: "Limited Liability Company", "L.L.C." or "LLC"; §603-A.1)

SECOND: The name of its Registered Agent, an individual Maine resident or a corporation, foreign or domestic, authorized to do business or carry on activities in Maine, and the address of the registered office shall be:

Brenda M. Buchanan

(name)

57 Exchange Street, Portland, ME 04101

(physical location - street (not P.O. Box), city, state and zip code)

(mailing address if different from above)

THIRD: ("X" one box only)

- ☐ A. The management of the company is vested in a member or members.
- ☒ B. 1. The management of the company is vested in a manager or managers. The minimum number shall be 1 managers and the maximum number shall be 5 managers.
2. If the initial managers have been selected, the name and business, residence or mailing address of each manager is:

NAME	ADDRESS
Mark Green	37 Willow Street, Peaks Island, ME 04108
Jeanne Gulnick	37 Willow Street, Peaks Island, ME 04108

- ☐ Names and addresses of additional managers are attached hereto as Exhibit ____, and made a part hereof.

FOURTH: Other provisions of these articles, if any, that the members determine to include are set forth in Exhibit ____ attached hereto and made a part hereof.

FORM NO. MLLC-6 (1 of 2)

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ORGANIZER(S)*

Brenda M. Buchanan
(signature)

DATED August 3, 2004

Brenda M. Buchanan

(type or print name)

(signature)

(type or print name)

(signature)

(type or print name)

For Organizer(s) which are Entities

Name of Entity _____

By _____
(authorized signature) (type or print name and capacity)

Name of Entity _____

By _____
(authorized signature) (type or print name and capacity)

Name of Entity _____

By _____
(authorized signature) (type or print name and capacity)

Acceptance of Appointment of Registered Agent

The undersigned hereby accepts the appointment as registered agent for the above-named limited liability company.

REGISTERED AGENT

Brenda M. Buchanan
(signature)

DATED August 3, 2004

Brenda M. Buchanan

(type or print name)

For Registered Agent which is a Corporation

Name of Corporation _____

By _____
(authorized signature) (type or print name and capacity)

Note: If the registered agent does not sign, Form MLLC-18 (§607.2) must accompany this document.

**Examples of professional service corporations are accountants, attorneys, chiropractors, dentists, registered nurses and veterinarians.
(This is not an inclusive list—see 13 MRSA §723.7.)

*Articles MUST be signed by:

- (1) all organizers OR
- (2) any duly authorized person.

The execution of this certificate constitutes an oath or affirmation under the penalties of false swearing under Title 17-A, section 453.

Please remit your payment made payable to the Maine Secretary of State.

SUBMIT COMPLETED FORMS TO: CORPORATE EXAMINING SECTION, SECRETARY OF STATE,
101 STATE HOUSE STATION, AUGUSTA, ME 04333-0101

FORM NO. MLLC-6 (2 of 2) Rev. 10-8-2003

TEL. (207) 624-7740

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MAINE

Department of the Secretary of State

Bureau of Corporations, Elections and Commissions

Corporate Name Search

Information Summary

Subscriber activity report

This record contains information from the CEC database and is accurate as of: Mon May 15 2017 07:45:21. Please print or save for your records.

Legal Name	Charter Number	Filing Type	Status
BASKET ISLAND OYSTER CO., LLC	20050331DC	LIMITED LIABILITY COMPANY (DOMESTIC)	GOOD STANDING

Filing Date	Expiration Date	Jurisdiction
08/04/2004	N/A	MAINE

Other Names

(A=Assumed : F=Former)

PEAKS ISLAND SHELLFISH COMPANY LLC

F Name Changed from Peaks Island Shellfish Company LLC to Basket Island Oyster Co., LLC on June 20, 2013

MADE-IN-MAINE MOLLUSCS LLC

F Name Changed from Made-in-Maine Molluscs LLC to Peaks Island Shellfish Company LLC on January 29, 2007

Clerk/Registered Agent

TWAIN BRADEN
THOMPSON BOWIE & HATCH LLC
PO BOX 4630
PORTLAND, ME 04112 4630

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